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217/782-6761

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Refer to: 1190400007 -- Madison County
Granite City/Taracorp
Superfund/Technical Reports

March 4, 1986

Brad Bradley
U.S. Environmental Protection Agency
Region V (5HE-12)
230 South Dearborn Street
Chicago, IL 60604

RECEIVED
MAR 11 1986
U.S. EPA, REGION V
WASTE MANAGEMENT DIVISION
Hazardous Waste Enforcement Unit

Dear Mr. Bradley:

Per our phone conversation of February 28, 1986, attached are the IEPA QAPP comments on the revised Work Plan (October 22, 1985) and subsequent NL Industry comments (February 4, 1986) for the Granite City site. We feel that the mentioned items have not been adequately addressed by NL Industries.

Please provide these comments to Dave Payne for his review, so that he may incorporate them into his communication with O'Brien and Gere. Also, please send me a copy of Mr. Payne's final comments.

Should you require any additional information in this matter, please feel free to contact Bina Shah at 217/782-6455.

Sincerely,

Ken Miller
Federal Site Management Unit
Remedial Project Management Section
Division of Land Pollution Control

KM:tk:4/7/30

Attachment

cc: Division File
Bina Shah

ATTACHMENT

The following items need to be addressed:

1. O'Brien and Gere have not provided historical data for furnace analysis for accuracy of the method. We expect to see the recovery between 75 to 125%.
2. O'Brien and Gere are using lower detection limits than contract required detection limits and so their spiking level is also lower. We need to know if they will actually analyze the samples at that low level. If higher concentration is expected of actual samples, then lower spiking level will not give reliable accuracy.
3. The historical data provided have very low precision for As, Se and Hg. We require to have the Relative Percent difference to be within $\pm 20\%$.
4. To assure the validity of the data, a known sample shall be analyzed after the verification of the Standard curve.
5. The Agency policy is to approve the QAPP first and then send the performance evaluation samples to the laboratories to analyze. After the successful analyses of the samples, a person from the Quality Assurance Section conducts the on-site evaluation of the laboratory. We are still planning on carrying out both of these responsibilities.

KM:tk:4/7/31